

a power source to supply power to the safety system; and

a power control unit, electrically connected to the blocking assembly and the power source, to control power supply from the power source to the blocking assembly to activate the blocking assembly.

16. (New) The safety system for a firearm of claim 15, wherein the blocking assembly further comprises:

an output shaft connected to the gear train to translate a rotary output of the gear train to an axial movement for preventing rotation of the trigger.

17. (New) The safety system for a firearm of claim 16, wherein the blocking assembly further comprises a pin axially movable by the output shaft, and wherein the trigger is provided with one aperture for receiving the pin when the trigger is in a cocked position, and another aperture for receiving the pin when the trigger is in an uncocked position upon activation of the axial moving element.

18. (New) The safety system for a firearm of claim 17, wherein the blocking assembly further comprises a spring positioned between the gear train and the pin, and axially movable by the output shaft to engage the pin.

19. (New) The safety system for a firearm of claim 15, wherein the power control unit comprises: a keypad assembly having a plurality of buttons capable of receiving an entry of a predetermined sequence code.

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20. (New) The safety system for a firearm of claim 19, wherein the power control unit further comprises: at least one microprocessor, responsive upon a correct entry of the predetermined sequence code, to allow the power source to activate the blocking assembly.

21. (New) The safety system for a firearm of claim 15, wherein the power control unit comprises: a biometric identity device capable of receiving an entry of a biometric identifying data.

22. (New) The safety system for a firearm of claim 21, wherein the biometric identity device is a fingerprint reader.

23. (New) The safety system for a firearm of claim 21, wherein the power control unit further comprises: at least one microprocessor, responsive upon a correct entry of the biometric identifying data, to allow the power source to activate the blocking assembly.

24. (New) The safety system for a firearm of claim 15, wherein the power source comprises: an expendable battery.--

REMARKS

I. Status of the Claims

Claims 1-14 were pending in this application. Claims 1-14 are now canceled, and replaced with new claims 15-24. Thus, claims 15-24 are pending. No new matter has been introduced by this amendment.

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